BRUHAT BENGALORU MAHANAGARA PALIKE

Name of Work : Construction of Marriage Community Hall in Jakkur in Ward no.07 Byatarayanapura Kodigehalli Sub division.

H/A : P3242 Construction Of 6 Marriage Community Hall in New Zones at the Cost Rs.2.00Cr.

							Est. Cost Rs.2.00 Crore		
Sl. No.	Description of Item	Unit	No.	L	B	D	Qty.	Rate	Amount
1	KSRRB M200-12.3. Dismantling of existing structures like culverts, bridges, retaining walls and other structure comprising of masonry, cement concrete, wood work, steel work, including T&P and scaffolding wherever necessary, sorting the dismantled material, disposal of unserviceable material and stacking the serviceable material with all lifts and lead of 1000 metres complete as per specifications. i) Lime / Cement Concrete. I. By Manual Means :C. Prestressed / Reinforced cement concrete grade M20 & above. MORTH Specification No. 202 (P.137/I.18.19 PW, P & IWTD,SOUTH ZONE -SR 2016-17)	Cum							
	Existing Building - Roof Slab		1	10.00	5.00	0.15	7.50		
	Roof Beam		2	10.00	0.23	0.45	2.07		
			3	5.00	0.23	0.45	1.55		
	Lintles		2	10.00	0.23	0.20	0.92		
			3	5.30	0.23	0.20	0.73		
	Chajja		4	1.80	0.60	0.10	0.43		
			1	2.00	0.60	0.10	0.12		
	Basic Rate	1022.00					**13.32**	1103.76	**14702.00**
	Add Area Weightage 8%	81.76							
	Total	1103.76							
2	Dismantling burnt brick masonry in clay mortar/lime mortar/cement mortar and stacking the bricks within a radius of 50m and removing the debris to a distance upto 200m. (P.265/I.37.47 PW, P & IWTD, SOUTH ZONE -SR 2016-17)	Cum							
	For Wall Portion		2	10.00	0.23	3.00	13.80		
			3	5.00	0.23	3.00	10.35		
	Parapet		2	10.00	0.23	0.60	2.76		
			2	5.00	0.23	0.60	1.38		
							28.29		
	Deductions								
	Lintels		2	10.00	0.23	0.20	0.92		
			3	5.00	0.23	0.20	0.69		
	D		1	1.00	0.23	2.10	0.48		
	D1		2	1.00	0.23	2.10	0.97		
	W		4	1.20	0.23	1.20	1.32		
	V		2	0.60	0.23	0.60	0.17		
	Basic Rate	156.00					**4.55**		
	Add Area Weightage 8%	12.48					**23.74**	168.48	**4000.00**
	Total	168.48							
3	Dismantling cement concrete flooring or plain cement concrete work including removing and conveying the debris to distance upto 200m (within average thickness of 15 cms). (P.265/I.37.51 PW, P & IWTD, SOUTH ZONE -SR 2016-17)	Sqm							
			1	4.50	4.50		20.25		
			1	5.10	4.50		22.95		

			1	1.50	1.20		1.80		
	Basic Rate	55.00	1	6.00	3.00		18.00		
	Add Area Weightage 8%	4.40					**63.00**	59.40	**3742.00**
	Total	59.40							
4	Dismantling size stone masonry in clay mortar and stacking the size stone within a radius of 50m and removing the debris to a distance upto 200m. (P.265/I.37.48 PW, P & IWTD, SOUTH ZONE -SR 2016-17)	Cum							
			2	10.00	0.60	0.45	5.40		
			3	5.00	0.60	0.45	4.05		
			2	1.20	0.60	0.45	0.65		
			2	10.00	0.45	0.45	4.05		
			3	5.00	0.45	0.45	3.04		
			2	1.20	0.45	0.45	0.49		
	Basic Rate	172.00					**17.68**	185.76	**3284.00**
	Add Area Weightage 8%	13.76							
	Total	185.76							
5	KSRB 2-1.1 : Earthwork in surface excavation in ordinary soil for levelling and lowering the ground manually (other than foundation of buildings, culverts, road drains and trenches of pipe lines and cables) and removing the excavated stuff to a distance not exceeding 50m and lift upto 1.5m, excavated surface leveled and neatly dressed, disposed earth to be leveled after breaking of clods and neatly dressed as per specifications. specification. No. KBS 2.1 (a) / 2.3.1 (P.5/I.2.1 PW, P & IWTD,SOUTH ZONE -SR 2016-17)	Cum							
	Levelling the Ground		1	26.00	23.00	0.60	**358.80**	169.56	**60838.00**
	Basic Rate	157.00							
	Add Area Weightage 8%	12.56							
	Total	169.56							
6	Disposal of debries to the final place of disposal with all lead and lift and as direction by the engineer in charge of the work, lead 15 Km a) Basic rate for haulage of materials as per item No. 17.4/KSRRB : M100-4.1 ..... Rs. 2.00 Tonne/Km b) Average earth of work 1.28 Tonne/Km for Rs. 2.00/Km c) Add loading and unloading Item No. 17.1 KSRRB M 100-1 Rs. 68.00 (P.140 I.18.57/1)	Cum							
			Qty Vide Item No.1+2+4+5				413.54		
			Qty Vide Item No.3 x 0.15				9.45		
							422.99	116.00	**49067.00**
	Lead Up to 15 x 2.5x 1.28 KM	48.00							
	Loading and Unloading Charges	68.00							
		116.00							
7	KSRB 2-2.2: Earthwork excavation for foundation of buildings, water supply, sanitary lines and electrical conduits either in pits or in trenches 1.5m and above in width, in hard soil not exceeding 1.5 m. in depth including dressing the bottom and sides of pits and trenches, stacking the excavated soil clear from edges of excavation with lead upto 50 m. after breaking of clods complete as per specifications. specification. No. KBS 2.1 (b) / 2.3.5 (P.5/I.2.4 PW, P & IWTD,SOUTH ZONE - SR 2016-17)	Cum							
	For Wall Portion - L/W		2	20.55	0.90	1.25	46.24		

L/W		1	15.75	0.90	1.25	17.72		
S/W		5	5.25	0.90	1.25	29.53		
L/W		1	4.25	0.90	1.25	4.78		
S/W		1	1.45	0.90	1.25	1.63		
L/W		1	0.45	0.90	1.25	0.51		
L/W		1	21.80	0.90	1.25	24.53		
L/W		1	7.80	0.90	1.25	8.78		
L/W		2	2.55	0.90	1.25	5.74		
S/W		3	0.55	0.90	1.25	1.86		
S/W		1	1.95	0.90	1.25	2.19		
S/W		3	11.85	0.90	1.25	39.99		
S/W		1	11.70	0.90	1.25	13.16		
L/W		1	16.30	0.90	1.25	18.34		
L/W		1	4.75	0.90	1.25	5.34		
L/W		1	5.95	0.90	1.25	6.69		
L/W		1	7.05	0.90	1.25	7.93		
L/W		1	1.85	0.90	1.25	2.08		
Compound Wall		1	80.00	0.75	0.75	45.00		
Staircase - Pit		1	1.30	0.60	0.60	0.47		
Columns		32	1.80	1.80	1.80	186.62		
Sump		1	3.50	3.50	1.50	18.38		
Lift Portion		1	2.40	2.40	3.00	17.28		
Water & Sanitary Line		3	30.00	0.60	0.90	48.60		
						553.39		
Deduction - Columns Portion		32	1.80	0.90	1.25	64.80		
Basic Rate	283.00					**488.59**	305.64	**149333.00**
Add Area Weightage 8%	22.64							
Total	305.64							
KSRB 2.8: Providing and Filling in foundation with granite/trap broken metal 100mm. and down size, with approved sand including hand packing, ramming, watering, including cost of all materials and labour with all lead and lift, complete as per specifications. specification. No. KBS (P.6/I.2.15 PW, P & IWTD, SOUTH ZONE -SR 2016-17)	Cum							
For Wall Portion - L/W		2	20.55	0.90	0.15	5.55		
L/W		1	15.75	0.90	0.15	2.13		
S/W		5	5.25	0.90	0.15	3.54		
L/W		1	4.25	0.90	0.15	0.57		
S/W		1	1.45	0.90	0.15	0.20		
L/W		1	0.45	0.90	0.15	0.06		
L/W		1	21.80	0.90	0.15	2.94		
L/W		1	7.80	0.90	0.15	1.05		
L/W		2	2.55	0.90	0.15	0.69		
S/W		3	0.55	0.90	0.15	0.22		
S/W		1	1.95	0.90	0.15	0.26		
S/W		3	11.85	0.90	0.15	4.80		
S/W		1	11.70	0.90	0.15	1.58		
L/W		1	16.30	0.90	0.15	2.20		
L/W		1	4.75	0.90	0.15	0.64		
L/W		1	5.95	0.90	0.15	0.80		
L/W		1	7.05	0.90	0.15	0.95		
L/W		1	1.85	0.90	0.15	0.25		
Columns		32	1.80	1.80	0.15	15.55		
Sump		1	3.50	3.50	0.15	1.84		
Lift Portion		1	2.40	2.40	0.15	0.86		
						46.68		
Deduction - Columns Portion		32	1.80	0.90	0.15	7.78		
						38.90	2283.12	**88813.00**
Basic Rate	2114.00							
Add Area Weightage 8%	169.12							

	Total	2283.12							
9	KSRB 2.10: Providing sand cement bed with 5% cement with all leads for all materials and lift of 1.5 m. machine mixed, laid in layers of 15cms. thick and well compacted for foundation, including curing cost of materials labour and HOM complete as per specifications. specification. No. KBS (P.6/I.2.17 PW, P & IWTD, SOUTH ZONE -SR 2016-17)	Cum							
			Qty Vide Item No.8				**38.90**	3349.08	**130279.00**
	Basic Rate	3101.00							
	Addl Area Weightage 8%	248.08							
	Total	3349.08							
10	KSRB 4-1.3: Providing and laying in position plain cement concrete of mix 1:4:8 with OPC cement @ 180kgs, with 40mm and down size graded granite metal coarse aggregates @ 0.85cum and fine aggregates @ 0.57cum machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation and plinth, including cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specification No. KBS 4.1, 4.2 (P.12/I.4.3 PW, P & IWTD, SOUTH ZONE -SR 2016-17)	Cum							
	Bed Concrete Work								
	For Wall Portion - L/W		2	20.55	0.90	0.15	5.55		
	L/W		1	15.75	0.90	0.15	2.13		
	S/W		5	5.25	0.90	0.15	3.54		
	L/W		1	4.25	0.90	0.15	0.57		
	S/W		1	1.45	0.90	0.15	0.20		
	L/W		1	0.45	0.90	0.15	0.06		
	L/W		1	21.80	0.90	0.15	2.94		
	L/W		1	7.80	0.90	0.15	1.05		
	L/W		2	2.55	0.90	0.15	0.69		
	S/W		3	0.55	0.90	0.15	0.22		
	S/W		1	1.95	0.90	0.15	0.26		
	S/W		3	11.85	0.90	0.15	4.80		
	S/W		1	11.70	0.90	0.15	1.58		
	L/W		1	16.30	0.90	0.15	2.20		
	L/W		1	4.75	0.90	0.15	0.64		
	L/W		1	5.95	0.90	0.15	0.80		
	L/W		1	7.05	0.90	0.15	0.95		
	L/W		1	1.85	0.90	0.15	0.25		
	Compound Wall		1	80.00	0.75	0.15	9.00		
	Staircase - Pit		1	1.30	0.60	0.15	0.12		
	Columns		32	1.80	1.80	0.20	20.74		
	Sump		1	3.50	3.50	0.15	1.84		
	Lift Portion		1	2.40	2.40	0.15	0.86		
	Flooring Concrete Work								
	Anganawadi		1	8.00	6.00	0.15	7.20		
	Kitchen		1	3.70	3.20	0.15	1.78		
	Store		1	2.20	1.90	0.15	0.63		
	Toilet		1	1.20	1.20	0.15	0.22		
	Cabin-03		1	6.00	3.20	0.15	2.88		
	Stair case		1	6.00	4.60	0.15	4.14		
	Corridor		1	18.00	2.60	0.15	7.02		
			1	4.00	3.60	0.15	2.16		
	Shop 1 to 4		1	3.00	3.10	0.15	1.40		
			1	3.00	4.35	0.15	1.96		
			1	3.00	5.60	0.15	2.52		

		1	3.00	6.60	0.15	2.97		
Waiting Lounge		1	12.60	6.50	0.15	12.29		
Cabin -01& 02		2	4.15	4.00	0.15	4.98		
Staff Toilets		2	1.40	1.20	0.15	0.50		
Passage		1	2.90	0.90	0.15	0.39		
		1	4.30	1.20	0.15	0.77		
Gents Toilets		1	1.30	1.50	0.15	0.29		
		1	1.25	1.60	0.15	0.30		
		1	2.70	1.80	0.15	0.73		
Ladies Toilets		2	1.30	1.50	0.15	0.59		
		1	2.70	1.70	0.15	0.69		
Out Side Flagging Concrete Work								
Front Portion		1	20.00	2.00	0.15	6.00		
South Side		1	15.00	1.20	0.15	2.70		
West Side		1	6.20	1.80	0.15	1.67		
		1	3.00	0.60	0.15	0.27		
		1	3.30	1.70	0.15	0.84		
		1	6.50	1.90	0.15	1.85		
North Side		1	31.00	1.00	0.15	4.65		
		2	5.00	1.00	0.15	1.50		
						136.88		
Deduction - column Portion		32	1.80	0.90	0.15	7.78		
Basic Rate	4867.00					**129.10**	5256.36	**678596.00**
Add Area Weightage 8%	389.36							
Total	5256.36							
KSRB 5.2-3 : Providing and constructing granite / trap / basalt size stone masonry in foundation with cement mortar 1:6, stone hammered dressed in courses not less than 20 cms high, bond stones at two m. apart in each course including cost of materials, labour, curing complete as per specifications. KBS 5.1.13 (P.23/I.5.6 PW, P & IWTD, SOUTH ZONE -SR 2016-17)	Cum							
Below GL								
For Wall Portion - L/W		2	20.40	0.75	0.45	13.77		
L/W		1	15.60	0.75	0.45	5.27		
S/W		5	5.40	0.75	0.45	9.11		
L/W		1	4.10	0.75	0.45	1.38		
S/W		1	1.60	0.75	0.45	0.54		
L/W		1	0.30	0.75	0.45	0.10		
L/W		1	21.65	0.75	0.45	7.31		
L/W		1	7.65	0.75	0.45	2.58		
L/W		2	2.40	0.75	0.45	1.62		
S/W		3	0.70	0.75	0.45	0.71		
S/W		1	1.80	0.75	0.45	0.61		
S/W		3	11.70	0.75	0.45	11.85		
S/W		1	11.55	0.75	0.45	3.90		
L/W		1	16.15	0.75	0.45	5.45		
L/W		1	4.60	0.75	0.45	1.55		
L/W		1	5.80	0.75	0.45	1.96		
L/W		1	6.90	0.75	0.45	2.33		
L/W		1	1.70	0.75	0.45	0.57		
Compound Wall		1	80.00	0.75	0.25	15.00		
For Wall Portion - L/W		2	20.25	0.60	0.45	10.94		
L/W		1	15.45	0.60	0.45	4.17		
S/W		5	5.55	0.60	0.45	7.49		
L/W		1	3.95	0.60	0.45	1.07		
S/W		1	1.75	0.60	0.45	0.47		
L/W		1	0.15	0.60	0.45	0.04		
L/W		1	21.50	0.60	0.45	5.81		

S/W		1	7.50	0.60	0.45	2.03		
L/W		2	2.25	0.60	0.45	1.22		
S/W		3	0.85	0.60	0.45	0.69		
S/W		1	1.95	0.60	0.45	0.53		
S/W		3	11.85	0.60	0.45	9.60		
L/W		1	11.70	0.60	0.45	3.16		
L/W		1	16.00	0.60	0.45	4.32		
L/W		1	4.45	0.60	0.45	1.20		
L/W		1	5.65	0.60	0.45	1.53		
L/W		1	6.75	0.60	0.45	1.82		
Compound Wall		1	1.55	0.60	0.45	0.42		
		1	80.00	0.60	0.45	21.60		
Deduction - Column Portion						**163.72**		
Basic Rate		32	0.60	0.23	0.90	3.97		
Add Area Weightage 8%	4187.00					**159.75**	4521.96	**722383.00**
Total	334.96							
KSRB 5.3-3 : Providing and constructing granite / trap / basalt size stone masonry in basement with cement mortar 1:6, edges of stones chistle dressed in courses not less than 15 cms high, bond stones at two m. apart in each course including cost of materials, labour, curing complete as per specifications. KBS 5.1.13 (P.22/I.5.9 PW, P & IWTD, SOUTH ZONE -SR 2016-17)	4521.96 Cum							
Above GL								
For Wall Portion - L/W		2	20.10	0.45	0.60	10.85		
L/W		1	15.30	0.45	0.60	4.13		
S/W		5	5.70	0.45	0.60	7.70		
L/W		1	3.80	0.45	0.60	1.03		
S/W		1	1.60	0.45	0.60	0.43		
L/W		1	0.15	0.45	0.60	0.04		
L/W		1	21.35	0.45	0.60	5.76		
L/W		1	7.35	0.45	0.60	1.98		
L/W		2	2.10	0.45	0.60	1.13		
S/W		3	1.10	0.45	0.60	0.89		
S/W		1	2.10	0.45	0.60	0.57		
S/W		3	12.00	0.45	0.60	9.72		
S/W		1	11.85	0.45	0.60	3.20		
L/W		1	15.85	0.45	0.60	4.28		
L/W		1	4.30	0.45	0.60	1.16		
L/W		1	5.50	0.45	0.60	1.49		
L/W		1	6.60	0.45	0.60	1.78		
L/W		1	1.40	0.45	0.60	0.38		
Compound Wall		1	80.00	0.45	0.60	21.60		
						78.12		
Deduction - Column Portion		32	0.60	0.23	0.60	2.65		
						75.47	5405.40	**407946.00**
Basic Rate	5005.00							
Add Area Weightage 8%	400.40							
Total	5405.40							
KSRB 15.1.3 Providing ruled pointing to coursed stone masonry with cement mortar 1:3, 20mm deep, after raking joints to depth of 20mm nicely lining, including cost of materials, labour, curing complete as per specifications. (P.113/I.15.3 PW, P & IWTD, SOUTH ZONE -SR 2016-17)	Sqm							
		2	20.10		0.60	24.12		
		2	22.00		0.60	26.40		
		2	80.00		0.60	96.00		

	Basic Rate	98.00					**146.52**	105.84	**15508.00**
	Add Area Weightage 8%	7.84							
	Total	105.84							
14	KSRB 2.3: Filling available excavated earth (excluding rock) in sides of foundations upto plinth in layers not exceeding 200 cms. in depth, compacting each deposited layer by ramming after watering with lead upto 50 m. and lift upto 1.5 m. including cost of all labour complete as per specifications. specification. No. KBS 2.9 (P.6/I.2.10 PW, P & IWTD,SOUTH ZONE - SR 2016-17)	Cum							
			Qty Vide Item No.7				**488.59**	137.16	**67015.00**
	Basic Rate	127.00							
	Add Area Weightage 8%	10.16							
	Total	137.16							
15	KSRB 4.2.1 : Providing and laying in position reinforced cement concrete of design mix M25 with OPC cement @ 340kgs, with 20mm and down size graded granite metal coarse aggregates @0.70cum and fine aggregates @0.47cum, with superplastisiser @ 3lts confirming to IS9103-1999 Reaffirmed-2008, machine mixed, concrete laid in layers not exceeding 15 cms thick, vibrated for all works in foundation plinth and footing , Pedestal staircase, lintels, retaining walls, return walls, walls (any thickness) including attached plasters, columns, piers, abutments, pillars, posts, struts, buttresses, string or lacing courses, bed blocks, anchor blocks, fillets etc., including cost of all materials, labour, HOM of machinery, curing, complete as per specifications. Specification No. KBS 4.1, 4.6 (P.13/I.4.10 PW, P & IWTD, SOUTH ZONE -SR 2016-17)	Cum							
a	GF								
	Up to Plinth Level								
	Columns - Footings		32	1.60	1.60	0.60	49.15		
	Pedstal		32	0.80	0.45	1.00	11.52		
	Columns		32	0.60	0.23	0.60	2.65		
	Plinth Beam		2	20.10	0.45	0.20	3.62		
	L/W		1	15.30	0.45	0.20	1.38		
	S/W		5	5.70	0.45	0.20	2.57		
	L/W		1	3.80	0.45	0.20	0.34		
	S/W		1	1.60	0.45	0.20	0.14		
	L/W		1	0.15	0.45	0.20	0.01		
	L/W		1	21.35	0.45	0.20	1.92		
	L/W		1	7.35	0.45	0.20	0.66		
	L/W		2	2.10	0.45	0.20	0.38		
	S/W		3	1.10	0.45	0.20	0.30		
	S/W		1	2.10	0.45	0.20	0.19		
	S/W		3	12.00	0.45	0.20	3.24		
	S/W		1	11.85	0.45	0.20	1.07		
	L/W		1	15.85	0.45	0.20	1.43		
	L/W		1	4.30	0.45	0.20	0.39		
	L/W		1	5.50	0.45	0.20	0.50		
	L/W		1	6.60	0.45	0.20	0.59		
	L/W		1	1.40	0.45	0.20	0.13		
	Compound Wall		1	80.00	0.45	0.15	5.40		
	Lift Portion								
	Footing Portion		1	2.30	2.30	0.60	3.17		
	Side Walls		2	2.20	0.20	2.00	1.76		

		2	1.80	0.20	2.00	1.44		
						93.95	6718.68	**631220.00**
Basic Rate	6221.00							
Add Area Weightage 8%	497.68							
Total	6718.68							
KSRB 4.2.7 : Providing and laying in position reinforced cement concrete of design mix M25 with OPC cement @ 340kgs, with 20mm and down size graded granite metal coarse aggregates @0.70cum and fine aggregates @0.47cum, machine mixed, concrete laid in layers not exceeding 15 cms thick, vibrated for all works in GF level for roof slabs, staircase, lintels, retaining walls, return walls, walls (any thickness) including attached plasters, columns, piers, abutments, pillars, posts, struts, buttresses, string or facing courses, parapets, coping, bed blocks, anchor blocks, plain window cills, fillets etc., including cost of all materials, labour, HOM of machinery, curing, complete as per specifications. Specification No. KBS 4.1, 4.6 (P.13&14/I.4.12 PW, P & IWTD, SOUTH ZONE -SR 2016-17)	Cum							
GF								
Up to Roof Slab								
Columns								
Lift Columns		32	0.60	0.23	3.00	13.25		
Lintles		4	0.30	0.23	3.00	0.83		
		1	19.90	0.15	0.20	0.60		
		1	15.00	0.15	0.20	0.45		
		3	6.00	0.15	0.20	0.54		
Partition Wall		1	5.00	0.15	0.20	0.15		
		1	3.20	0.10	0.20	0.06		
		1	6.00	0.10	0.20	0.12		
		2	2.20	0.10	0.20	0.09		
Lift Portion		1	1.20	0.10	0.20	0.02		
		2	2.10	0.15	0.20	0.13		
Shops-01to 04 , Waiting Lounge, Cabin- 01& 02		2	1.80	0.15	0.20	0.11		
		1	21.00	0.15	0.20	0.63		
		1	7.50	0.15	0.20	0.23		
		1	6.45	0.15	0.20	0.19		
		1	5.30	0.15	0.20	0.16		
		1	4.00	0.15	0.20	0.12		
		1	16.00	0.15	0.20	0.48		
		1	13.00	0.15	0.20	0.39		
Partition Wall		3	12.60	0.15	0.20	1.13		
		2	4.00	0.10	0.20	0.16		
		1	2.90	0.10	0.20	0.06		
Gents Toilet		1	1.20	0.10	0.20	0.02		
Ladies Toilet		1	2.90	0.10	0.20	0.06		
		1	2.70	0.10	0.20	0.05		
Roof Beams -On wall		1	1.50	0.10	0.20	0.03		
		2	20.00	0.23	0.45	4.14		
		6	6.00	0.23	0.45	3.73		
		1	22.00	0.23	0.45	2.28		
		5	2.60	0.23	0.45	1.35		
		1	3.60	0.23	0.45	0.37		
		1	14.00	0.23	0.45	1.45		
		1	16.00	0.23	0.45	1.66		
		3	12.60	0.23	0.45	3.91		
		2	8.00	0.23	0.45	1.66		
		3	11.10	0.23	0.45	3.45		
		1	4.30	0.23	0.45	0.45		

		1	5.50	0.23	0.45	0.57		
		1	6.80	0.23	0.45	0.70		
Lift Portion		2	2.20	0.23	0.45	0.46		
		2	1.80	0.23	0.45	0.37		
Roof Slab		1	20.00	8.90	0.15	26.70		
		1	3.00	3.60	0.15	1.62		
Shops		1	14.00	5.70	0.15	11.97		
Waiting Lounge, Cabin- 01& 02		1	13.00	6.80	0.15	13.26		
		1	10.00	4.30	0.15	6.45		
Gents &ladies Toilets		1	7.00	3.00	0.15	3.15		
		1	3.10	2.50	0.15	1.16		
Staircase - Pit		1	1.30	0.60	0.60	0.47		
W/S		2	1.50	1.30	0.15	0.59		
		1	1.50	1.30	0.15	0.29		
L/S		2	1.30	1.30	0.15	0.51		
Steps		15 x 0.50	1.30	0.30	0.15	0.44		
Sump Portion-Bottom Slab		1	3.50	3.50	0.15	1.84		
Side Walls		2	3.50	0.15	1.50	1.58		
		2	3.20	0.15	1.50	1.44		
Top Slab		1	3.50	3.50	0.15	1.84		
						119.92		
Deduction - Staircase and Lift Portion		1	6.00	4.60	0.15	4.14		
Sump -Inspection Door		2	0.60	0.60	0.15	0.11		
						4.25		
						115.67	6876.36	**795389.00**
Basic Rate	6367.00							
Add Area Weightage 8%	509.36							
Total	6876.36							
FF								
Up to Roof Slab								
Columns		32	0.60	0.23	3.00	13.25		
		4	0.60	0.23	2.50	1.38		
Lift Columns		4	0.30	0.23	3.00	0.83		
Lintles		1	19.90	0.15	0.20	0.60		
		1	15.00	0.15	0.20	0.45		
		3	6.00	0.15	0.20	0.54		
		1	5.00	0.15	0.20	0.15		
Lift Portion		2	2.10	0.15	0.20	0.13		
		2	1.80	0.15	0.20	0.11		
Cabin- 03& 04		1	21.00	0.15	0.20	0.63		
		1	7.50	0.15	0.20	0.23		
Partition Wall		1	5.30	0.10	0.20	0.11		
		1	4.00	0.15	0.20	0.12		
		1	16.00	0.15	0.20	0.48		
		1	13.00	0.15	0.20	0.39		
		3	12.60	0.15	0.20	1.13		
Partition Wall		2	4.00	0.10	0.20	0.16		
		1	2.90	0.10	0.20	0.06		
		1	1.20	0.10	0.20	0.02		
Gents Toilet		1	2.90	0.10	0.20	0.06		
Ladies Toilet		1	2.70	0.10	0.20	0.05		
		1	1.50	0.10	0.20	0.03		
Roof Beams -On wall		2	20.00	0.23	0.45	4.14		
		6	6.00	0.23	0.45	3.73		
		1	22.00	0.23	0.45	2.28		
		5	2.60	0.23	0.45	1.35		
		1	3.60	0.23	0.45	0.37		
		1	14.00	0.23	0.45	1.45		
		1	16.00	0.23	0.45	1.66		
		3	12.60	0.23	0.45	3.91		

		2	8.00	0.23	0.45	1.66		
		3	11.10	0.23	0.45	3.45		
		1	4.30	0.23	0.45	0.45		
		1	5.50	0.23	0.45	0.57		
		1	6.80	0.23	0.45	0.70		
Lift Portion		2	2.20	0.23	0.45	0.46		
		2	1.80	0.23	0.45	0.37		
Roof Slab		1	20.00	8.90	0.15	26.70		
		1	3.00	3.60	0.15	1.62		
Cabin- 03& 04		1	14.00	5.70	0.15	11.97		
Waiting Lounge		1	13.00	6.80	0.15	13.26		
Cabin- 01& 02		1	10.00	4.30	0.15	6.45		
Gents &ladies Toilets		1	7.00	3.00	0.15	3.15		
		1	3.10	2.50	0.15	1.16		
Stair Case -W/S		2	1.50	1.30	0.15	0.59		
		1	1.50	1.30	0.15	0.29		
L/S		2	1.30	1.30	0.15	0.51		
Steps		15 x 0.50	1.30	0.30	0.15	0.44		
						113.60		
Deduction - Staircase and Lift Portion		1	6.00	4.60	0.15	4.14		
						109.46	6926.36	**758159.00**
Basic Rate	6367.00							
Add Area Weightage 8%	509.36							
Add Lift Charges for 1st Floor (1 x 50.00)	50.00							
Total	**6926.36**							
KSRB 4.2.10 : Providing and laying in position reinforced cement concrete of design mix M20 with OPC cement @ 24kgs, with 12mm and down size graded granite metal coarse aggregates @ 5175cum and fine aggregates @ 0.345cum, with superplastisiser @ 0.225lts, machine mixed, well compacted for plain chajja of 7.5 cms. average thickness, upto GF level, including cost of all materials, labour, HOM of machinery, finishing, curing, complete as per specifications. Specification No. KBS 4.1, 4.6 (P.14/I.4.19 PW, P & IWTD, SOUTH ZONE -SR 2016-17)	Sqm							
a GF- W- Chajja		12	1.80		0.60	12.96		
W1		1	1.50		0.60	0.90		
Kitchen & Store -Shelves		2	3.70		0.60	4.44		
		2	2.20		0.60	2.64		
Shops		4	3.00		0.60	7.20		
Cabin 01 & 02		2	4.15		0.60	4.98		
						33.12	492.48	**16311.00**
Basic Rate	456.00							
Add Area Weightage 8%	36.48							
Total	492.48							
FF- W- Chajja		18	1.80		0.60	19.44		
W1		1	1.50		0.60	0.90		
Shelves -Cabin 01 & 02		2	4.15		0.60	4.98		
Cabin 03 & 04		2	6.25		0.60	7.50		
Cabin 05		2	3.20		0.60	3.84		
Work Station		1	11.30		0.60	6.78		
						43.44	497.48	**21611.00**
Basic Rate	456.00							
Add Area Weightage 8%	36.48							
Add Lift Charges for 1st Floor (1 x 5.00)	5.00							
Total	**497.48**							

18	KSRB 4.9.2 : Providing T.M.T bars Fe 500 steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per specifications. Specification No. KBS 4.6.3 (P.17/I.4.46 PW, P & IWTD, SOUTH ZONE -SR 2016-17)	T							
a	GF		38.00				38.00		
b	FF		16.00				16.00		
							54.00	65455.56	**3534600.00**
	Basic Rate	60607.00							
	Add Area Weightage 8%	4848.56							
	Total	65455.56							
19	Lift charges for steel of all diameters for additional floors over GF per floor height of 3.5 m. or part thereof cost of labour, complete as per specifications. Specification No. KBS (P.18/I.4.47 PW, P IWTD,SOUTH ZONE -SR 2016-17)	T							
b	FF		16.00				**16.00**	509.76	**8156.00**
	Basic Rate:	472.00							
	Add Lift Charges for Ist Floor (1 x 472.00)	472.00							
	Area Weightage 8%	37.76							
	Total	**509.76**							
20	KSRB 4-6.1 : Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for foundations, footings, bases of columns for mass concrete including cost of all materials, labour complete as per specifications. Specification No. KBS 4.6.2 (P.15/I.4.28 PW, P & IWTD, SOUTH ZONE -SR 2016-17)	Sqm							
	Columns - Footings		32	6.40		0.60	122.88		
	Pedstal		32	2.50		1.00	80.00		
							202.88	249.48	**50615.00**
	Basic Rate	231.00							
	Add Area Weightage 8%	18.48							
	Total	249.48							
21	KSRB 4-6.4: Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for vertical surface such as walls at any thickness, including attached pilasters, buttresses, plinth and string courses cost of all materials, labour complete as per specifications. Specification No. KBS 4.6.2 (P.15/I.4.31 PW, P & IWTD, SOUTH ZONE -SR 2016-17)	Sqm							
	Plinth Beam Both Sides		4	20.10		0.20	16.08		
	L/W		2	15.30		0.20	6.12		
	S/W		10	5.70		0.20	11.40		
	L/W		2	3.80		0.20	1.52		
	S/W		2	1.60		0.20	0.64		
	L/W		2	0.15		0.20	0.06		
	L/W		2	21.35		0.20	8.54		
	L/W		2	7.35		0.20	2.94		
	L/W		4	2.10		0.20	1.68		
	S/W		6	1.10		0.20	1.32		
	S/W		2	2.10		0.20	0.84		
	S/W		6	12.00		0.20	14.40		
	S/W		2	11.85		0.20	4.74		

I/P/W		2	15.85		0.20	6.34		
L/W		2	4.30		0.20	1.72		
L/W		2	5.50		0.20	2.20		
L/W		2	6.60		0.20	2.64		
L/W		2	1.40		0.20	0.56		
Compound Wall		2	80.00		0.20	32.00		
Lift Portion								
Footing Portion		4	2.30		0.60	5.52		
Side Walls		4	2.20		2.00	17.60		
		4	1.80		2.00	14.40		
Sump-Side Walls		4	3.50		1.50	21.00		
		4	3.20		1.50	19.20		
Top Slab		1	3.50	3.50		12.25		
		4	3.50		0.15	2.10		
Basic Rate	293.00					**207.81**	316.44	**65759.00**
Add Area Weightage 8%	23.44							
Total	316.44							
KSRB 4-6.5: Providing and removing centering, shuttering, strutting, propping etc., for columns, pillars, piers, abutments, post and struts, square / rectangular / polygon in plan including cost of all materials, labour complete as per specification. Specification No. KBS 4.6.2 (P.16/I.4.32 PW, P & IWTD, SOUTH ZONE -SR 2016-17)	Sqm							
GF - **Columns**		32	1.66		5.00	265.60		
Lift Columns		4	1.36		3.00	16.32		
Basic Rate	366.00					**281.92**	395.28	**111437.00**
Add Area Weightage 8%	29.28							
Total	395.28							
FF - **Columns**		36	1.66		3.00	179.28		
Lift Columns		4	1.36		3.00	16.32		
						195.60	400.28	**78295.00**
Basic Rate	366.00							
Add Area Weightage 8%	29.28							
Add Lift Charges for 1st Floor (1 x 5.00)	5.00							
Total	**400.28**							
KSRB 4-6.7 :Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for sides and soffits of beams, beam haunchings, cantilever girders, bressumers and lintels not exceeding 1 m in depth including cost of all materials, labour complete as per specifications. Specification No. KBS 4.6.2 (P.16/I.4.34 PW, P & IWTD, SOUTH ZONE -SR 2016-17)	Sqm							
GF -**Lintles -Both Sides**		2	19.90		0.20	7.96		
		2	15.00		0.20	6.00		
		6	6.00		0.20	7.20		
		2	5.00		0.20	2.00		
Partition Wall		2	3.20		0.20	1.28		
		2	6.00		0.20	2.40		
		4	2.20		0.20	1.76		
		2	1.20		0.20	0.48		
Lift Portion		4	2.10		0.20	1.68		
		4	1.80		0.20	1.44		
Shops-01to 04 , Waiting Lounge, Cabin- 01& 02		2	21.00		0.20	8.40		
		2	7.50		0.20	3.00		
		2	6.45		0.20	2.58		
		2	5.30		0.20	2.12		
		2	4.00		0.20	1.60		
		2	16.00		0.20	6.40		
		2	13.00		0.20	5.20		

		6	12.60		0.20	15.12		
Partition Wall		4	4.00		0.20	3.20		
		2	2.90		0.20	1.16		
		2	1.20		0.20	0.48		
Gents Toilet		2	2.90		0.20	1.16		
Ladies Toilet		2	2.70		0.20	1.08		
		2	1.50		0.20	0.60		
Roof Beams -On wall		4	20.00		0.45	36.00		
		12	6.00		0.45	32.40		
		2	22.00		0.45	19.80		
		10	2.60		0.45	11.70		
		2	3.60		0.45	3.24		
		2	14.00		0.45	12.60		
		2	16.00		0.45	14.40		
		6	12.60		0.45	34.02		
		4	8.00		0.45	14.40		
		6	11.10		0.45	29.97		
		2	4.30		0.45	3.87		
		2	5.50		0.45	4.95		
Lift Portion		2	6.80		0.45	6.12		
		4	2.20		0.45	3.96		
		4	1.80		0.45	3.24		
						314.97	276.48	**87083.00**
Basic Rate	256.00							
Add Area Weightage 8%	20.48							
Total	276.48							
FF - Lintle Both Sides		2	19.90		0.20	7.96		
		2	15.00		0.20	6.00		
		6	6.00		0.20	7.20		
Lift Portion		2	5.00		0.20	2.00		
		4	2.10		0.20	1.68		
Cabin- 03& 04		4	1.80		0.20	1.44		
		2	21.00		0.20	8.40		
Partition Wall		2	7.50		0.20	3.00		
		2	5.30		0.20	2.12		
		2	4.00		0.20	1.60		
		2	16.00		0.20	6.40		
		2	13.00		0.20	5.20		
Partition Wall		6	12.60		0.20	15.12		
		4	4.00		0.20	3.20		
		2	2.90		0.20	1.16		
Gents Toilet		2	1.20		0.20	0.48		
Ladies Toilet		2	2.90		0.20	1.16		
		2	2.70		0.20	1.08		
Roof Beams -On wall		2	1.50		0.20	0.60		
		4	20.00		0.45	36.00		
		12	6.00		0.45	32.40		
		2	22.00		0.45	19.80		
		10	2.60		0.45	11.70		
		2	3.60		0.45	3.24		
		2	14.00		0.45	12.60		
		2	16.00		0.45	14.40		
		6	12.60		0.45	34.02		
		4	8.00		0.45	14.40		
		6	11.10		0.45	29.97		
		2	4.30		0.45	3.87		
		2	5.50		0.45	4.95		
Lift Portion		2	6.80		0.45	6.12		
		4	2.20		0.45	3.96		
		4	1.80		0.45	3.24		
						306.47	281.48	**86265.00**

	Basic Rate	256.00							
	Add Area Weightage 8%	20.48							
	Add Lift Charges for 1st Floor (1 x 5.00)	5.00							
	Total	**281.48**							
24	KSRB 4-6.2: Providing and removing centering height more than 3.5 mtrs, shuttering, strutting, propping etc., and removal of form work for flat surface such as suspended floors, roofs, landings, balconies and likes, thickness upto 200 mm including cost of all materials, labour complete as per specifications. Specification No. KBS 4.6.2 (P.15/I.4.18 PW, P & IWTD, SOUTH ZONE -SR 2016-17)	Sqm							
a	**GF - Roof Slab**		1	20.00	8.90		178.00		
			1	3.00	3.60		10.80		
	Shops		1	14.00	5.70		79.80		
	Waiting Lounge, Cabin- 01& 02		1	13.00	6.80		88.40		
			1	10.00	4.30		43.00		
	Gents &ladies Toilets		1	7.00	3.00		21.00		
			1	3.10	2.50		7.75		
							428.75		
	Deduction - Staircase and Lift Portion		1	6.00	4.60		27.60		
	Basic Rate	313.00					**401.15**	338.04	**135605.00**
	Add Area Weightage 8%	25.04							
	Total	338.04							
b	**FF - Roof Slab**		1	20.00	8.90		178.00		
			1	3.00	3.60		10.80		
	Cabin- 03& 04		1	14.00	5.70		79.80		
	Waiting Lounge		1	13.00	6.80		88.40		
	Cabin- 01& 02		1	10.00	4.30		43.00		
	Gents &ladies Toilets		1	7.00	3.00		21.00		
			1	3.10	2.50		7.75		
							428.75		
	Deduction - Staircase and Lift Portion		1	6.00	4.60		27.60		
	Basic Rate	313.00					**401.15**	343.04	**137610.00**
	Add Area Weightage 8%	25.04							
	Add Lift Charges for 1st Floor (1 x 5.00)	5.00							
	Total	**343.04**							
25	KSRB 4-6.9 :Providing and removing centering, shuttering, strutting, propping etc., for edges of slabs and breaks in floor, cills, plinth including cost of all materials, labour complete as per specification. Specification No. KBS 4.6.2 (P.16/I.4.36 PW, P & IWTD, SOUTH ZONE -SR 2016-17)	Sqm							
a	**GF - Slab Edge**		2	22.00		0.15	6.60		
			2	20.10		0.15	6.03		
	Staircase and Lift Portion		2	6.00		0.15	1.80		
			2	4.60		0.15	1.38		
	Basic Rate	678.00					**15.81**	732.24	**11577.00**
	Add Area Weightage 8%	54.24							
	Total	732.24							
b	**FF - Slab Edge**		2	22.00		0.15	6.60		
			2	20.10		0.15	6.03		
	Staircase and Lift Portion		2	6.00		0.15	1.80		
			2	4.60		0.15	1.38		
	Basic Rate	678.00					**15.81**	737.24	**11656.00**
	Add Area Weightage 8%	54.24							
	Add Lift Charges for 1st Floor (1 x 5.00)	5.00							
	Total	**737.24**							

26	KSRB 4-6.10 :Providing and removing centering, shuttering, strutting, propping etc., for chajjas, corbels etc., including edges including cost of all materials, labour complete as per specification. Specification No. KBS 4.6.2 (P.16/I.4.37 PW, P & IWTD,SOUTH ZONE -SR 2016-17)	Sqm								
a	GF		Qty Same as Vide Item No. 17				**33.12**	291.60	**9658.00**
	Basic Rate	270.00								
	Add Area Weightage 8%	21.60								
	Total	**291.60**								
b	FF		Qty Same as Vide Item No. 17				**43.44**	296.60	**12884.00**
	Basic Rate	270.00								
	Add Area Weightage 8%	21.60								
	Add Lift Charges for 1st Floor (1x 5.00)	5.00								
	Total	**296.60**								
27	KSRB 4-6.11 :Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for Stairs (excluding landing) except spiral staircase including cost of all materials, labour complete as per specification. Specification No. KBS 4.6.2 (P.17/I.4.38 PW, P & IWTD -SR 2011-12)	Sqm								
a	**GF - Stair case - W/S**		2	1.50	1.30		3.90			
			1	1.50	1.30		1.95			
	L/S		2	1.30	1.30		3.38			
	Steps		15	1.30		0.15	2.93			
	Sides		4	1.50		0.15	0.90			
			2	1.50		0.15	0.45			
			2	2.60		0.15	0.78			
							14.29	513.00	**7331.00**	
	Basic Rate	475.00								
	Add Area Weightage 8%	38.00								
	Total	513.00								
b	**FF - Stair case - W/S**		Qty Vide Same as GF				**14.29**	518.00	**7402.00**	
	Basic Rate	475.00								
	Add Area Weightage 8%	38.00								
	Add Lift Charges for 1st Floor (1x 5.00)	5.00								
	Total	**518.00**								
28	KSRB 5-14: Providing and constructing load bearing with solid concrete blocks having block density not less than 1800 kg/cum having a minimum avarage compressive strength of 4.00 Newton /sqmm conforming to I.S: 2185 (part-1): 2005 and constructed with CM 1:4 as per 2572:2005 including cost of materials, labour charges, scaffolding, curing hire charges of machinery etc., complete as per specifications KBS NO.5.4 - do - with solid concrete blocks of size 400 x 150 x 200 mm (P.25/I.5.26.1 PW, P & IWTD,SOUTH ZONE - SR 2016-17)	Sqm								
a	**GF - For Wall Portion**		1	19.90		2.60	51.74			
			1	15.00		2.60	39.00			
			3	6.00		2.60	46.80			
			1	5.00		2.60	13.00			
	Lift Portion		2	2.10		2.60	10.92			
			2	1.80		2.60	9.36			
	Shops-01to 04 , Waiting Lounge, Cabin- 01& 02		1	21.00		2.60	54.60			
			1	7.50		2.60	19.50			